PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No:	10/603,391	Docket No:	1901025
Filing Date:	06/24/2003	Applicant:	Hsien Lu Peng
Examiner:	COLLINS, DARRYL J	Art Unit:	2873
Title:	APPARATUS FOR DETECTING INACCURACY OF MACHINING OF FINISHED WORKPIECE		

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

The following is in response to the Office Action dated 08/10/2004:

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting at page 4, line 15, and continuing to page 5, line 5, as follows:

The body 10 comprises an intermediate cubic passageway 13, a channel 14 at one side of the passageway 13, and four threaded holes 15 at four sides of the passageway 13. The detection lens assembly further comprises a hollow cubic support 50 seated on the passageway 13, the support 50 including four projections 51 at four corners and four threaded holes 52 through the projections 51. A plurality of adjustment screws 16 are driven through the threaded holes 15 to urge against the support 50 for adjustment as detailed later. The detection lens assembly further comprises a square image processor 60 seated on the projections 51. Also, a plurality of bolts 53 are driven through four corners of the image processor 60 into the threaded holes 52 for fastening the image processor 60 in the support 50. The image processor 60 is implemented as a CCD (charge coupled

device). The image processor 60 comprises a bottom lens 61 and a [top connector 61] top connector 62. A cable 81 extended from a monitor (not shown) is inserted through the channel 14 to couple to the connector 61. Hence, an operator can adjust the adjustment screws 16 for fine adjustment of the support 50. Such fine adjustment is done in cooperation with a virtual reticle (see FIG. 3) on the lens 61 for finding a reference point of the lens 61 .